## **EAST Search History**

## **EAST Search History (Prior Art)**

| Ref # | Hits | Search Query                                  | DBs   | Default<br>Operator | Plurals | Time Stamp          |
|-------|------|---|---|---------------------|---------|---------------------|
| L1    | 2    | "5849988".pn.                                 | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2010/10/05<br>11:49 |
| L2    | 5257 | (neural adj (progenitor<br>stem)) neurosphere | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2010/10/05<br>12:10 |
| L3    | 174  | I2 same stroke same<br>(human person)         | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2010/10/05<br>12:10 |
| L4    | 26   | I2 with stroke with (human person)            | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2010/10/05<br>12:10 |
| L5    | 148  | 3 not  4                                      | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2010/10/05<br>12:21 |
| L6    | 536  | I2 same stroke                                | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2010/10/05<br>12:29 |
| L7    | 2602 | I2 same (human person)                        | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2010/10/05<br>12:29 |
| L8    | 389  | I6 and I7                                     | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2010/10/05<br>12:29 |
| S1    | 164  | "5851832"                                     | US-PGPUB;<br>USPAT                                | OR                  | ON      | 2007/11/19<br>12:08 |
| S2    | 1    | "5851832".pn.                                 | US-PGPUB;<br>USPAT                                | OR                  | ON      | 2007/11/19<br>13:25 |
| S3    | 201  | hnt adj (cell cells neuron<br>neuronal)       | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT          | OR                  | ON      | 2007/11/19<br>13:26 |
| S4    | 144  | \$3 and (stroke or ischemi<br>\$)             | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT          | OR                  | ON      | 2007/11/19<br>14:43 |

| S5         | 12   | S4 and (sanberg<br>kondziolka mcgrogan<br>snable)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2007/11/19<br>14:53 |
|------------|------|---|--|----|-----|---------------------|
| S6         | 2    | "5175103".pn.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2007/11/19<br>14:54 |
| <b>S</b> 7 | 10   | (("6528245") or<br>("7160724") or<br>("6734215") or<br>("7101916") or<br>("5827736") or<br>("6979698") or<br>("6322804") or<br>("6790441") or<br>("6649160") or<br>("6960351")).PN. | USPAT; USOCR                             | OR | OFF | 2007/11/20<br>09:36 |
| S8         | 9    | sanberg.in. and ((lbs or hnt) with (cell or neuron))  | US-PGPUB;<br>USPAT                       | OR | ON  | 2007/11/20<br>09:38 |
| S9         | 7    | sanberg.in. and ((lbs or<br>hnt) with (cell or neuron))<br>and (stroke or ischem\$)   | US-PGPUB;<br>USPAT                       | OR | ON  | 2007/11/20<br>09:38 |
| S10        | 59   | (treat and administ\$ and (stroke ischemi\$) and human).clm.  | USPAT                                    | OR | ON  | 2008/08/08<br>13:12 |
| S11        | 10   | (sanberg kondziolka<br>mcgrogan snable).in. and<br>stroke   | USPAT                                    | OR | ON  | 2008/08/08<br>13:29 |
| S12        | 19   | (sanberg kondziolka<br>mcgrogan snable).in. and<br>stroke   | US-PGPUB                                 | OR | ON  | 2008/08/08<br>13:31 |
| S13        | 8    | (sanberg kondziolka<br>mcgrogan snable).in. and<br>(stroke ischemi\$).clm.  | US-PGPUB                                 | OR | ON  | 2008/08/08<br>13:32 |
| S14        | 8    | (sanberg kondziolka<br>mcgrogan snable).in. and<br>(stroke ischemi\$).clm.  | US-PGPUB                                 | OR | ON  | 2009/02/03<br>10:17 |
| S15        | 0    | S14 and @pd>"20080801"  | US-PGPUB;<br>USPAT                       | OR | ON  | 2009/02/03<br>10:17 |
| S16        | 232  | hnt adj (cell cells neuron<br>neuronal)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2009/02/03<br>10:18 |
| S17        | 13   | S16 same (stroke ischem<br>\$)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2009/02/03<br>10:18 |
| S18        | 8640 | human near100 (stroke or (cerebr\$ near10 ischem\$))  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2009/06/03<br>16:02 |
| S19        | 17   | S18 and (fetal adj pig)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2009/06/03<br>16:03 |

| S20  | 18   | S18 and (fetal adj (porcine pig))   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2009/06/03<br>16:03 |
|------|------|---|--|----|----|---------------------|
| S21  | 87   | S18 and (hcn1 hcn-1<br>(neural adj crest))  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2009/06/03<br>16:08 |
| S22  | 3400 | (sapiens person people human).clm. and (stroke (cerebr\$ near10 ischem\$)).clm.                       | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2009/06/03<br>16:09 |
| S23  | 50   | S22 and (hcn1 hcn-1<br>(neural adj crest))  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2009/06/03<br>16:09 |
| S24  | 6    | S22 and (hcn1 hcn-1 (neural adj crest)).clm.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2009/06/03<br>16:10 |
| \$25 | 9    | stroke.clm. and (hcn1 hcn-<br>1 (neural adj crest)).clm.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2009/06/03<br>16:13 |
| S26  | 5    | stroke.clm. and (fetal adj<br>pig).clm.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2009/06/03<br>16:14 |
| S27  | 105  | human same stroke same<br>(administ\$ near10 neuron<br>\$)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2009/06/03<br>16:16 |
| S28  | 251  | human same stroke same<br>(administ\$ near10 cells)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2009/06/03<br>16:17 |
| S29  | 83   | human same stroke same<br>(administ\$ near10 cells)<br>same (neuron neural)                           | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2009/06/03<br>16:18 |
| S30  | 6    | fetal adj (pig porcine)<br>same stroke  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2009/06/03<br>16:48 |
| S31  | 364  | fetal adj (pig porcine)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2009/06/03<br>16:51 |
| S32  | 104  | S31 and treat\$ and (stroke ischem\$)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2009/06/03<br>16:51 |
| S37  | 83   | administer\$ same<br>macrophage and<br>(macrophage same<br>(peripheral adj (nerve<br>neuron neural))) | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2009/06/04<br>11:16 |
| S38  | 2    | "5958767".pn.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2009/06/04<br>11:18 |

| S39 | 1    | 10/009036  | US-PGPUB;<br>USPAT                                | OR | ON | 2009/06/04<br>11:19 |
|-----|------|--|---|----|----|---------------------|
| S40 | 8    | (sanberg kondziolka<br>mcgrogan snable).in. and<br>(stroke ischemi\$).clm.                   | US-PGPUB  | OR | ON | 2009/06/04<br>14:39 |
| S41 | 0    | S40 and @pd>"20080801"   | US-PGPUB;<br>USPAT                                | OR | ON | 2009/06/04<br>14:39 |
| S42 | 0    | S41 and<br>@PD>"20090201"  | US-PGPUB;<br>USPAT                                | OR | ON | 2009/06/04<br>14:39 |
| S43 | 4277 | (administ\$ same cells)<br>same treat\$ same (stroke<br>mcao)                                | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT          | OR | ON | 2010/03/02<br>13:58 |
| S44 | 2599 | (administ\$ same cells)<br>same (treat\$ with (stroke<br>mcao))                              | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT          | OR | ON | 2010/03/02<br>13:58 |
| S45 | 886  | (administ\$ same cells) with (treat\$ with (stroke mcao))                                    | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT          | OR | ON | 2010/03/02<br>13:58 |
| S46 | 5    | S45 same million   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT          | OR | ON | 2010/03/02<br>13:59 |
| S50 | 9    | (stroke same cells) same<br>((below or inferior) with<br>within with (above or<br>superior)) | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/08/31<br>12:04 |
| S51 | 68   | (stroke same cells) same<br>((below or inferior) same<br>within same (above or<br>superior)) | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/08/31<br>12:05 |
| S52 | 59   | S51 not S50  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/08/31<br>12:05 |
| S53 | 8447 | (stroke same cells) and (stem adj cells)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/08/31<br>12:20 |
| S54 | 1808 | (stroke same (stem adj<br>cells))  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/08/31<br>12:20 |
| S55 | 694  | (stroke with (stem adj<br>cells))  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/08/31<br>12:20 |
| S56 | 634  | (stroke same (stem adj<br>cells) same (administ\$<br>inject\$ implant\$))                    | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/08/31<br>12:20 |

| S57 | 104  | (stroke with (stem adj<br>cells) with (administ\$ inject<br>\$ implant\$)) | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/08/31<br>12:21 |
|-----|------|--|---|----|----|---------------------|
| S58 | 1619 | stroke with cells with<br>(administ\$ inject\$ implant<br>\$)              | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/08/31<br>13:05 |
| S59 | 1498 | (neural adj stem) and<br>stroke and (administ\$<br>inject\$ implant\$)     | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/08/31<br>13:10 |
| S60 | 379  | ((neural adj stem) same<br>stroke) and (administ\$<br>inject\$ implant\$)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/08/31<br>13:11 |
| S61 | 2    | (finkelstein and snyder).in.   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/08/31<br>14:37 |
| S62 | 36   | (finkelstein).in. and stroke   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/08/31<br>14:38 |

## **EAST Search History (Interference)**

| Ref# | Hits | Search Query   | DBs                         | Default<br>Operator | Plurals | Time Stamp          |
|------|------|--|-----------------------------|---------------------|---------|---------------------|
| L9   | 4    | (sanberg kondziolka<br>mcgrogan snable).in. and<br>(hnt).clm.              | US-PGPUB;<br>USPAT;<br>UPAD | OR                  | ON      | 2010/10/05<br>13:09 |
| L10  | 11   | (sanberg kondziolka<br>mcgrogan snable).in. and<br>(stroke ischemi\$).clm. | US-PGPUB;<br>USPAT;<br>UPAD | OR                  | ON      | 2010/10/05<br>13:09 |
| S47  | 9    | (sanberg kondziolka<br>mcgrogan snable).in. and<br>(stroke ischemi\$).clm. | US-PGPUB;<br>USPAT;<br>UPAD | OR                  | ON      | 2010/03/02<br>14:39 |
| S48  | 0    | S47 and @pd>"20080801"   | US-PGPUB;<br>USPAT;<br>UPAD | OR                  | ON      | 2010/03/02<br>14:39 |
| S49  | 4    | (sanberg kondziolka<br>mcgrogan snable).in. and<br>(hnt).clm.              | US-PGPUB;<br>USPAT;<br>UPAD | OR                  | ON      | 2010/03/02<br>14:40 |

10/5/2010 1:12:05 PM

C:\ Documents and Settings\ dkolker\ My Documents\ EAST\ Workspaces\ 10009036.wsp